

**List of Current Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 6 (Cancelled).

7. (New) A method for data exchange between field devices of automation technology, comprising the steps of: providing the field devices with a fieldbus interface for connecting with a fieldbus; providing a radio unit; and exchanging data between the field devices and the radio unit utilizing radio wave transmission.

8. (New) The method as claimed in claim 7, wherein:  
the radio unit works according to the Bluetooth standard.

9. (New) The method as claimed in claim 7, wherein:  
the field devices exchange data concerning process conditions and an evaluation of the state of the process occurs.

10. (New) The method as claimed in claim 7, wherein:  
the field devices exchange configuring and parametering data.

11. (New) The method as claimed in claim 7, wherein:  
the field devices exchange software updates.

12. (New) A field device for use providing the field devices with a fieldbus interface for connecting with a fieldbus; providing a radio unit; and exchanging data between the field devices and the radio unit utilizing radio wave

U.S. Pat. Appl. 10/528,143

transmission, wherein: the radio unit and a display/operating unit form an exchangeable unit.